

# Comparisons of Job Characteristics

**Focus Occupation: Forest and Conservation Workers (45-4011)**

**Associated Occupation: Zoologists and Wildlife Biologists (19-1023)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

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<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 74

**Focus Occupation: Forest and Conservation Workers (45-4011)**

**Associated Occupation: Zoologists and Wildlife Biologists (19-1023)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Biology	3.7	21.8	12.8	<< Extensive education and/or training may be required
Geography	3.9	11.7	13.8	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 67

**Focus Occupation: Forest and Conservation Workers (45-4011)**

**Associated Occupation: Zoologists and Wildlife Biologists (19-1023)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Reading Comprehension	10.7	14.6	8.3	<< Extensive development of skills in this area may be required
Writing	9.2	14.1	6.0	<< Extensive development of skills in this area may be required
Science	4.5	13.6	5.5	<< Extensive development of skills in this area may be required
Systems Analysis	6.5	10.2	6.4	<< Extensive development of skills in this area may be required
Systems Evaluation	6.4	9.4	5.8	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 66			
Focus Occupation: Forest and Conservation Workers (45-4011) Associated Occupation: Zoologists and Wildlife Biologists (19-1023)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	16.7	10.1	<<	Extensive improvement in abilities may be required
Written Comprehension	11.0	16.0	8.0	<<	Extensive improvement in abilities may be required
Oral Expression	12.4	15.5	10.1	<<	Extensive improvement in abilities may be required
Written Expression	9.8	15.5	6.7	<<	Extensive improvement in abilities may be required
Category Flexibility	9.0	11.0	8.8	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 39
<b>Focus Occupation: Forest and Conservation Workers (45-4011)</b> <b>Associated Occupation: Zoologists and Wildlife Biologists (19-1023)</b>		
Work Activities	Exclusivity of Activity	
Read maps	42	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 70
<b>Focus Occupation: Forest and Conservation Workers (45-4011)</b> <b>Associated Occupation: Zoologists and Wildlife Biologists (19-1023)</b>		
Tools and Technologies	Exclusivity	
Audio and visual equipment	4	
Computer data input devices	2	
Computers	1	
Content authoring and editing software	1	
Face and head protection	7	
Forestry machinery and equipment	31	
Forming tools	2	
Garden tools	12	

Information exchange software	1
Ladders and scaffolding	6
Length and thickness and distance measuring instruments	2
Measuring and layout tools	3
Personal communication devices	2
Pumps	9
Recreational watercraft	40
Specialized and recreational vehicles	17

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.